What Is Claimed Is:

1. A method for configuring a plurality of network interfaces coupling a plurality of computers, comprising:

receiving a request at a computer of the plurality of computers to configure the plurality of computers into a cluster of computers, wherein the cluster of computers function in concert as a single unit;

establishing at the computer whether a network interface of the plurality of network interfaces is one of private and public, wherein a private network interface is used for intercommunications within the cluster of computers and a public network interface is used for communications with a client computer;

determining a connectivity among the plurality of computers;

calculating a configuration for the cluster of computers; and

installing the cluster of computers using the configuration.

2. The method of claim 1, wherein establishing whether the network interface is one of private and public includes:

sending a ping message on the network interface;

receiving a plurality of responses to the ping message on the network interface;

sending a router discovery message on the network interface;

listening on the network interface for a response to the router discovery message; and

classifying the network interface as public or private based on responses received, wherein the network interface is classified as private if a number of responses to the ping message is less than or equal to a number of computers in

the cluster and if no response was received from the router discovery message, otherwise classifying the network interface as public.

3. The method of claim 1, wherein determining the connectivity among the plurality of computers includes:

sending a message on the network interface, wherein the message identifies a sending computer and the network interface;

listening for a response to the message on the network interface; and

creating a data structure containing a matrix of responses received for the network interface.

4. The method of claim 3, wherein sending the message includes using a data link provider interface (DLPI).

5. The method of claim 3, wherein calculating the configuration for the cluster of computers includes:

requesting the matrix from each computer in the plurality of computers;

combining the matrix from each computer into a master matrix;

examining the master matrix for a pair of computers with at least two private network interfaces; and

adding the pair of computers to the cluster of computers.

6. The method of claim 1, further comprising:

presenting the configuration to an administrator; and

allowing the administrator to edit the configuration.

7. The method of claim 6, wherein presenting the configuration to the administrator includes one of displaying the configuration on a web browser and displaying the configuration on a text-based display screen.

8. The method of claim 7, wherein allowing the administrator to edit the configuration includes:

accepting a change to the configuration from the administrator;

verifying that the change to the configuration does not violate an established rule for the configuration; and

if the change to the configuration is valid, incorporating the change into the configuration.

9. The method of claim 8, further comprising passing the configuration to a configuration program for configuration of the cluster.

10. A computer-readable storage medium storing instructions that when executed by a computing device causes the computing device to perform a method for configuring a plurality of network interfaces coupling a plurality of computers, the method comprising:

receiving a request at a computer of the plurality of computers to configure the plurality of computers into a cluster of computers, wherein the cluster of computers function in concert as a single unit;

establishing at the computer whether a network interface of the plurality of network interfaces is one of private and public, wherein a private network interface is used for intercommunications within the cluster of computers and a public network interface is used for communications with a client computer;

determining a connectivity among the plurality of computers;

calculating a configuration for the cluster of computers; and

installing the cluster of computers using the configuration.

11. The computer-readable storage medium of claim 10, wherein establishing whether the network interface is one of private and public includes:

sending a ping message on the network interface;

receiving a plurality of responses to the ping message on the network interface;

sending a router discovery message on the network interface;

listening on the network interface for a response to the router discovery message; and

classifying the network interface as public or private based on responses received, wherein the network interface is classified as private if a number of responses to the ping message is less than or equal to a number of computers in the cluster and if no response was received from the router discovery message, otherwise classifying the network interface as public.

12. The computer-readable storage medium of claim 10, wherein determining the connectivity among the plurality of computers includes:

sending a message on the network interface, wherein the message identifies a sending computer and the network interface;

listening for a response to the message on the network interface; and

creating a data structure containing a matrix of responses received for the network interface.

13. The computer-readable storage medium of claim 12, wherein sending the message includes using a data link provider interface (DLPI).

14. The computer-readable storage medium of claim 12, wherein calculating the configuration for the cluster of computers includes:

requesting the matrix from each computer in the plurality of computers;

combining the matrix from each computer into a master matrix;

examining the master matrix for a pair of computers with at least two private network interfaces; and

adding the pair of computers to the cluster of computers.

15. The computer-readable storage medium of claim 10, the method further comprising:

presenting the configuration to an administrator; and

allowing the administrator to edit the configuration.

16. The computer-readable storage medium of claim 15, wherein presenting the configuration to the administrator includes one of displaying the configuration on a web browser and displaying the configuration on a text-based display screen.

17. The computer-readable storage medium of claim 16, wherein allowing the administrator to edit the configuration includes:

accepting a change to the configuration from the administrator;

verifying that the change to the configuration does not violate an established rule for the configuration; and

if the change to the configuration is valid, incorporating the change into the configuration.

18. The computer-readable storage medium of claim 17, wherein the method further comprises passing the configuration to a configuration program for configuration of the cluster.

19. An apparatus that facilitates configuring a plurality of network interfaces coupling a plurality of computers, comprising:

a receiving mechanism configured to receive a request at a computer of the plurality of computers to configure the plurality of computers into a cluster of computers, wherein the cluster of computers function in concert as a single unit;

an establishing mechanism configured to establish at the computer whether a network interface of the plurality of network interfaces is one of private and public, wherein a private network interface is used for intercommunications within the cluster of computers and a public network interface is used for communications with a client computer;

a determining mechanism configured to determine a connectivity among the plurality of computers;

a calculating mechanism configured to calculate a configuration for the cluster of computers; and

an installing mechanism configured to install the cluster of computers using the configuration.

20. The apparatus of claim 19, further comprising:

a sending mechanism configured to send a ping message on the network interface;

a listening mechanism configured to receive a plurality of responses to the ping message on the network interface;

wherein the sending mechanism is further configured to send a router discovery message on the network interface;

wherein the listening mechanism is further configured to receive a response to the router discovery message on the network interface; and

a classifying mechanism that is configured to classify the network interface as public or private based on responses received, wherein the network interface is classified as private if a number of responses to the ping message is less than or equal to a number of computers in the cluster and if no response was received from the router discovery message, otherwise classifying the network interface as public.

21. The apparatus of claim 19, further comprising:

a sending mechanism that is configured to send a message on the network interface, wherein the message identifies a sending computer and the network interface;

a listening mechanism that is configured to receive a response to the message on the network interface; and

a creating mechanism that is configured to create a data structure containing a matrix of responses received for the network interface.

22. The apparatus of claim 21, wherein the sending mechanism is configured to use a data link provider interface (DLPI).

23. The apparatus of claim 21, further comprising:

a requesting mechanism that is configured to request the matrix from each computer in the plurality of computers;

a combining mechanism that is configured to combine the matrix from each computer into a master matrix;

an examining mechanism that is configured to examine the master matrix for a pair of computers with at least two private network interfaces; and

an adding mechanism that is configured to add the pair of computers to the cluster of computers.

24. The apparatus of claim 19, further comprising:

a presentation mechanism configured to present the configuration to an administrator; and

an editing mechanism configured to allow the administrator to edit the configuration.

25. The apparatus of claim 24, wherein the presentation mechanism is configured to present the configuration to the administrator by one of displaying the configuration on a web browser and displaying the configuration on a text-based display screen.

26. The apparatus of claim 25, further comprising:

an accepting mechanism that is configured to accept a change to the configuration from the administrator;

a verifying mechanism that is configured to verify that the change to the configuration does not violate an established rule for the configuration; and

an incorporating mechanism that is configured to incorporate the change into the configuration, if the change to the configuration is valid.

27. The apparatus of claim 26, further comprising a passing mechanism configured to pass the configuration to a configuration program for configuration of the cluster.